

ABSTRACT

The present invention includes a monitoring device that monitors packets transmitted to a communication device being a target of a denial-of-service attack, a performance measuring device that measures performance of the communication device, and an attack determining device that performs communication with the monitoring device and the performance measuring device. The monitoring device detects traffic abnormality information indicating an abnormality of traffic due to the packets to the communication device, the performance measuring device detects performance abnormality information indicating an abnormality of performance of the communication device, and the attack determining device determines whether each of the abnormalities indicates the denial-of-service attack, based on the traffic abnormality information and the performance abnormality information.